## **EAST Search History**

| Ref #      | Hits    | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|------------|---------|---|--|---------------------|---------|---------------------|
| S1         | 764     | 310/365.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/07/09<br>13:38 |
| S2         | 1       | "10588260"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/07/09<br>13:39 |
| SS         | 460     | 310/800.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/07/09<br>13:39 |
| S4         | 72799   | conduct\$3 near3<br>polymer   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/07/09<br>14:37 |
| <b>S</b> 5 | 480007  | electrolyt\$2   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/07/09<br>14:37 |
| S6         | 1988622 | electrode   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/07/09<br>14:37 |
| S7         | 15527   | S4 and S5 and S6  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/07/09<br>14:37 |
| S8         | 11983   | (conduct\$3 near3<br>polymer) same<br>electrolyt\$2                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/07/09<br>14:38 |
| S9         | 5460    | (conduct\$3 near3<br>polymer) same<br>electrolyt\$2 same<br>electrode | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | OR                  | ON      | 2008/07/09<br>14:38 |

| S10 | 3991   | ((conduct\$3 near3<br>polymer) with electrolyt<br>\$2) same electrode  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/09<br>14:39 |
|-----|--------|--|--|----|----|---------------------|
| S11 | 2986   | (conduct\$3 near3<br>polymer) with electrolyt<br>\$2 with electrode  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/09<br>14:39 |
| S12 | 305866 | piezo\$ electro\$1active   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/09<br>14:40 |
| S13 | 915    | S8 and S12   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/09<br>14:40 |
| S14 | 25     | S3 and S5  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/09<br>14:41 |
| S15 | 54     | ("20020062082"   "4493895"   "4493895"   "4493895"   "4503842"   "4543090"   "4503842"   "4543090"   "4753223"   "4790624"   "4892473"   "489473"   "4884557"   "4893494"   "4977886"   "4987314"   "5529167"   "5568082"   "5337732"   "539982"   "5347987"   "5389222"   "5347987"   "5482029"   "5492131"   "5556370"   "5556700"   "56513667"   "565520"   "56513665"   "565520"   "5651366"   "5651366"   "5571902"   "5819749"   "5815965"   "5571902"   "5815987"   "5855665"   "5857962"   "5873817"   "5957833" | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2008/07/09          |

|     | *************************************** | "6071234"   "6109852"<br>  "6162171"  <br>"6249076"   "6293907"<br>  "6468203"  <br>"6514237").PN. OR<br>("6835173").URPN.  | *************************************** |    | *************************************** |                     |
|-----|---|---|---|----|---|---------------------|
| S16 | 55                                      | ("4273111"   "426658"   "4499895"   "4503042"   "4601705"   "4503042"   "4601705"   "473022"   "473022"   "4846573"   "4898731"   "4930494"   "4977886"   "498731"   "4930494"   "4977886"   "5188111"   "5290962"   "5550167"   "5268062"   "5550708"   "5380712"   "5736879"   "5482029"   "5486182"   "5492131"   "5482029"   "5486182"   "5492131"   "5564550"   "5565700"   "55656700"   "5564380"   "565670"   "568550"   "56679879"   "5771902"   "5885566"   "5857962"   "5771902"   "68578317"   "69071234"   "6109852"   "6117296"   "612711"   "6249076"   "642470"   "6468203"   5614237"   "66679836") URPN. | US-PGPUB;<br>USPAT; USOCR               | OR | ON                                      | 2008/07/09          |
| S17 | 59                                      | ("5100933"  <br>"5384029"   "5389222"<br>  "5556700"  <br>"5766013"   "6084321"<br>  "6109852").FN. OR<br>("6249076").URPN.   | US-PGPUB;<br>USPAT; USOCR               | OR | ON                                      | 2008/07/09<br>15:42 |
| S18 | 38                                      | ("3401377"  <br>"3943614"   "3980905"<br>  "4054808"  <br>"4383194"  <br>"4385255").PN. OR<br>("4651310").URPN.   | US-PGPUB;<br>USPAT; USOCR               | OR | ON                                      | 2008/07/09<br>15:42 |

| S19  | 155  | (S15 S16 S17 S18)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/07/09<br>15:43 |
|------|------|--|---|----|----|---------------------|
| S20  | 74   | S19 and (S5 S4)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/07/09<br>15:43 |
| S21  | 37   | S19 and S5   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/07/09<br>15:43 |
| \$22 | 22   | ("4797190"  <br>"5079535"   "5100933"  <br>"5250167"  <br>"5389222"   "5408999"  <br>  "5423739"  <br>"5525356"   "5558633"  <br>"5674295"  <br>"5736590"), PN. OR ("6117296"), URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/07/09<br>15:53 |
| S23  | 25   | 310/365,366.ccls. and S4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/09<br>15:54 |
| S24  | 1916 | 310/365,366.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2008/07/09<br>19:58 |
| S25  | 911  | (conduct\$3 near3 polymer) with actuat\$3  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2008/07/10<br>14:04 |
| S26  | 694  | \$25 not (silverbrook.<br>as. silverbrook.in.)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2008/07/10<br>14:05 |
| S27  | 33   | ("3822580"   "4401911"   "44384394"   "4401911"   "44384394"   "4738121"   "4738121"   "4738121"   "4738121"   "5229979"   "550784"   "5377258"   "5430565"   "5440194"   "5642015"   "567871"   "5722418"   "5835453"   "590107"   "5913310"   "5913377"   "5977685"   "6048622"   "606421"   "6064321" | US-PGPUE;<br>USPAT; USOCR   | OR | ON | 2008/07/10<br>15:02 |

|     | *************************************** | "6165126"   "6184608"<br>  "6184609"  <br>  "6249076").PN. OR<br>  ("7034432").URPN.  | ***************************************                        |    |    | *************************************** |
|-----|---|---|--|----|----|---|
| S28 | 41416                                   | (piezo\$ electro<br>\$1active) with actuator  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/11<br>07:41                     |
| S29 | 72856                                   | conduct\$3 near3<br>polymer   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/11<br>07:41                     |
| S30 | 1497                                    | S28 and S29   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/11<br>07:41                     |
| S31 | 942                                     | S30 not (silverbrook.<br>as. silverbrook.in.)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/11<br>07:41                     |
| S32 | 350                                     | 310/328.ccls. and polymer   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/11<br>16:09                     |
| S33 | 36                                      | (US-20070257582-\$ or US-20070159031-\$ or US-20070159031-\$ or US-20060293563-\$ or US-20060291695-\$ or US-200600251965-\$ or US-20060063072-\$ or US-200500274946-\$ or US-200500274946-\$ or US-20050027498-\$ or US-20050027498-\$ or US-20050027498-\$ or US-20050027498-\$ or US-20050004425-\$ or US-20050004425-\$ or US-20050004425-\$ or US-200500043901-\$ or US-20050043901-\$ or US-200500043901-\$ or US-20050043901-\$ or US-200500 | US-PGPUB;<br>USPAT   | OR | ON | 2008/07/11                              |

|             |        | 6117296 \$ or US-<br>7262545 \$ or US-<br>6794800 \$ or US-<br>5523645 \$ or US-<br>7368862 \$ or US-<br>7394182 \$ or US-<br>7077808 \$ or US-<br>6997870 \$ or US-<br>6997870 \$ or US-<br>5592042 \$ j. did. |  |    |    |                     |
|-------------|--------|---|--|----|----|---------------------|
| S34         | 186306 | electrode with thick\$4   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/11<br>17:13 |
| <b>S3</b> 5 | 17     | S33 and S34   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/11<br>17:13 |
| S36         | 3      | "11169394"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/11<br>18:18 |
| S37         | 141    | keiichi.in. and shingo.<br>in.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/11<br>18:21 |
| S38         | 3      | keiichi.in. and shingo.<br>in. and sazuku.in.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/11<br>18:21 |
| <b>S</b> 39 | 799    | 310/365.cds.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>09:42 |
| S40         | 470    | 310/800.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>09:42 |
| S41         | 12740  | (conduct\$3 near3<br>polymer) same<br>electrolyt\$2   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>09:42 |

| S42 | 319734 | piezo\$ electro\$1active   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>09:42 |
|-----|--------|--|--|----|----|---------------------|
| S43 | 975    | S41 and S42  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>09:42 |
| S44 | 496635 | electrolyt\$2  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>09:43 |
| S45 | 27     | S40 and S44  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>09:43 |
| S46 | 59     | ("20020062082"] "4286585"<br>"4273111"] "4286585"<br>"4493895"] "4543090"<br>"4503842"] "4543090"<br>"4753223"] "4790624"<br>"4832473"] "4884557"<br>"4894731"] "4884557"<br>"4894731"] "4884557"<br>"4893731"] "5909056" ["5188111"<br>"5239982"] "5269082"<br>"5250167"] "5268082"<br>"5337872"] "5389222"<br>"5347987"] "5389222"<br>"5347987"] "5482029"<br>"5431645"] "5482029"<br>"5431645"] "5556700"<br>"5624380"] "5645520"<br>"5651366"] "5771902"<br>"5613040"] "557962"<br>"5873817"] "5976691"<br>"5978331"] "597962"<br>"6614271"] "609852"<br>"6612171"<br>"6071234"] "6109852"<br>"6162171"] "6109852"<br>"6649076"] "6299907"<br>"6489076"] "6299907" | US POPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/01/25          |

| S47 | 56  | ("4273111"            | US-PGPUB;  | OR  | ON | 2009/01/25  |
|-----|-----|-----------------------|--|-----|----|-------------|
|     |     | "4286585"   "4499895" | USPAT; USOCR   |     |    | 09:43       |
|     |     | "4503842"             |  |     |    |             |
|     |     | "4543090"   "4601705" |  |     |    |             |
|     |     | "4753223"             |  |     |    |             |
|     |     | "4790624"   "4846573" |  |     |    |             |
|     |     | "4884557"             |  |     |    |             |
|     |     | "4899731"   "4930494" |  |     |    |             |
|     |     | "4977886"             |  |     |    |             |
|     |     | "4987314"   "5090956" |  |     |    |             |
|     |     | "5188111"             |  |     |    | ***         |
|     |     | "5239982"   "5250167" |  |     |    |             |
|     |     | "5268082"             |  |     |    |             |
|     |     | "5337732"   "5347987" |  |     |    |             |
|     |     | "5368015"             |  |     |    |             |
|     |     | "5389222"   "5396879" | -  |     |    |             |
|     |     | "5431645"             | 00000  |     |    |             |
|     |     | "5482029"   "5486182" | *******  |     |    |             |
|     |     | "5492131"             | ***  |     |    |             |
|     |     | "5535759"   "5556370" |  |     |    |             |
|     |     | "5556700"             | * selection of the sele |     |    |             |
|     |     | "5624380"   "5631040" | ***  |     |    |             |
|     |     | "5645520"             |  |     |    |             |
|     |     | "5651366"   "5662587" | · ·  |     |    |             |
|     |     | "5771902"             |  |     |    |             |
|     |     | "5855565"   "5857962" | -  |     |    |             |
|     |     | "5873817"             | design   |     |    |             |
|     |     | "5906591"   "5916146" |  |     |    |             |
|     |     | "5957833"             |  |     |    |             |
|     |     | "6071234"   "6109852" | na n   |     |    |             |
|     |     | "6117296"             | - transfer   |     |    |             |
|     |     | "6162171"   "6249076" | 6  |     |    |             |
|     |     | "6428470"             |  |     |    |             |
|     |     | "6468203"   "6514237" | -  |     |    |             |
|     |     | "6547723").PN. OR     | *  |     |    |             |
|     |     | ("6679836").URPN.     |  |     |    |             |
| S48 | 67  | ("5100933"            | US-PGPUB;  | OR  | ON | 2009/01/25  |
|     | 1   | "5384029"   "5389222" | USPAT; USOCR   |     |    | 09:43       |
|     |     | "5556700"             |  |     |    |             |
|     |     | "5766013"   "6084321" |  |     |    |             |
|     |     | "6109852").PN. OR     |  |     |    |             |
|     |     | ("6249076").URPN.     |  |     |    |             |
| S49 | 38  | ("3401377"            | US-PGPUB:  | OR  | ON | 2009/01/25  |
| J+3 | 30  | "3943614"   "3980905" | USPAT; USOCR   | On. | ON | 09:43       |
|     |     | "4054808"             | OUTAI, OUUCh   |     |    | 03.40       |
|     |     | "4383194"             |  |     |    |             |
|     |     | "4385255").PN. OR     |  |     |    |             |
|     |     | ("4651310").URPN.     |  |     |    |             |
|     |     | ;                     | LIO DODI ID  |     |    | 10000/04/5= |
| S50 | 167 | (S46 S47 S48 S49)     | US-PGPUB;  | OR  | ON | 2009/01/25  |
|     |     | ****                  | USPAT; USOCR   |     |    | 09:43       |
| SOU | 167 | (546 547 548 549)     | US-PGPUB;<br>USPAT; USOCR  | UK  | UN |             |

| S51 | 77393 | conduct\$3 near3<br>polymer                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/01/25<br>09:43 |
|-----|-------|---|---|----|----|---------------------|
| S52 | 86    | S50 and (S44 S51)                             | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/01/25<br>09:43 |
| S53 | 42    | S50 and S44                                   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/01/25<br>09:43 |
| S54 | 30    | 310/365,366.cols. and<br>S51                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>09:43 |
| S55 | 1972  | 310/365,366.cds.                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/01/25<br>09:43 |
| S56 | 1034  | (conduct\$3 near3<br>polymer) with actuat\$3  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/01/25<br>09:43 |
| S57 | 756   | S56 not (silverbrook.<br>as. silverbrook.in.) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/01/25<br>09:43 |
| S58 | 44149 | (piezo\$ electro<br>\$1active) with actuator  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/01/25<br>09:43 |
| S59 | 77393 | conduct\$3 near3<br>polymer                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/01/25<br>09:43 |
| S60 | 1669  | S58 and S59                                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/01/25<br>09:43 |
| S61 | 1053  | S60 not (silverbrook.<br>as. silverbrook.in.) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/01/25<br>09:43 |

| S62 | 369    | 310/328.ccls. and<br>polymer                        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>09:43 |
|-----|--------|---|--|----|----|---------------------|
| S63 | 27428  | (conduct\$4 electrode)<br>near3 link\$4             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>16:22 |
| S64 | 1600   | S42 and S63   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>16:23 |
| S65 | 1436   | \$64 not (\$56 \$55 \$43<br>\$60)                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>16:24 |
| S66 | 2      | "6629341".pn.                                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>17:27 |
| S67 | 825    | 310/365.cds.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>14:56 |
| S68 | 478    | 310/800.ccls.                                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>14:56 |
| S69 | 13234  | (conduct\$3 near3<br>polymer) same<br>electrolyt\$2 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>14:56 |
| S70 | 328038 | piezo\$ electro\$1active                            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>14:56 |
| S71 | 1013   | S69 and S70   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>14:56 |

| S72  | 507598 | electrolyt\$2  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>14:56 |
|------|--------|--|--|----|----|---------------------|
| S73  | 28     | 968 and S72  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>14:56 |
| \$74 | 62     | ("20020062062"   "4273111" "428655"   "4493111" "4548090"   "4530342"   "4549090"   "453223"   "4790624"   "48932473"   "4790624"   "48932473"   "4977866"   "4893731"   "4977866"   "4987314"   "5090956"   "5188111"   "5290956"   "5188111"   "5290956"   "5188111"   "5290956"   "5188121"   "5397372"   "5280822"   "547987"   "5389222"   "547987"   "5389222"   "5492131"   "5492131"   "5563100"   "5556700"   "5624380"   "556500"   "5651366"   "596520"   "569379"   "5771902"   "5813640"   "587962"   "5897833"   "5906591"   "5916146"   "5957833"   "6102174"   "6109852"   "6162171"   "6249076"   "6293907"   "6486203"   PN. OR ("683513") URFN. | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/05/17          |

| S75 | 56  | ("4273111"   | US-PGPUB;                 | OR | ON | 2009/05/17          |
|-----|-----|--|---------------------------|----|----|---------------------|
| 575 | 56  | ["4273111"   "4266585"   "4499895"   "450342"   "4543090"   "4601705"   "4753223"   "4884557"   "489731"   "4930494"   "4977886"   "4987314"   "5090956"   "5188111"   "5290982"   "5250167"   "5389732"   "5347987"   "5389222"   "539879"   "5431645"   "5482029"   "5486182"   "548203"   "548203"   "548203"   "5586370" | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2009/05/17<br>14:56 |
|     |     | "5624380"   "5631040"   "5645520"   "56545520"   "5651566"   "5662587"   "5771902"   "5855656"   "5857962"   "5873817"   "5916146"   "5916146"   "5916146"   "6117296"   "6162171"   "6249076"   "6482470"   "6482470"   "648230"   "6514237"   "6567723"). JRFN. OR   |                           |    |    |                     |
| S76 | 69  | ("5100933"  <br>"5384029"   "5389222"<br>  "5556700"  <br>"5766013"   "6084321"<br>  "6109852").PN. OR<br>("6249076").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/17<br>14:56 |
| S77 | 38  | ("3401377"  <br>"3943614"   "3980905"<br>  "4054808"  <br>"4383194"  <br>"4385255").PN. OR<br>("4651310").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/17<br>14:56 |
| S78 | 172 | (S74 S75 S76 S77)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/17<br>14:56 |

| S79         | 80300 | conduct\$3 near3<br>polymer                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/05/17<br>14:56 |
|-------------|-------|--|---|----|----|---------------------|
| S80         | 91    | S78 and (S72 S79)                              | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/05/17<br>14:56 |
| S81         | 44    | S78 and S72                                    | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/05/17<br>14:56 |
| S82         | 31    | 310/365,366.ccls. and<br>S79                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>14:57 |
| S83         | 2010  | 310/365,366.cds.                               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/05/17<br>14:57 |
| S84         | 1098  | (conduct\$3 near3<br>polymer) with actuat\$3   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/05/17<br>14:57 |
| <b>S</b> 85 | 789   | 984 not (silverbrook.<br>as. silverbrook.in.)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/05/17<br>14:57 |
| S86         | 45768 | (piezo\$ electro<br>\$1active) with actuator   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/05/17<br>14:57 |
| S87         | 80300 | conduct\$3 near3<br>polymer                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/05/17<br>14:57 |
| S88         | 1772  | S86 and S87                                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/05/17<br>14:57 |
| S89         | 1125  | \$88 not (silverbrook.<br>as. silverbrook.in.) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2009/05/17<br>14:57 |

| S90         | 382   | 310/328.ccls. and polymer   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>14:57 |
|-------------|-------|---|--|----|----|---------------------|
| S91         | 28072 | (conduct\$4 electrode)<br>near3 link\$4   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>14:57 |
| S92         | 1670  | S70 and S91   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>14:57 |
| S93         | 1498  | S92 not (S84 S83 S71<br>S88)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>14:57 |
| S94         | 1971  | ((yokoyama near2<br>kazuo) (katsuhiko<br>near2 asai) (nozomu<br>near2 matsukawa)<br>(masaki near2<br>yamamoto)).in. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>15:36 |
| <b>S</b> 95 | 102   | S94 and polymer   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/17<br>15:37 |
| S96         | 74    | (actuator and polymer<br>and electrolyt\$3 and<br>(electrode conduct\$3)).<br>clm.                                  | US-PGPUB   | OR | ON | 2009/05/17<br>15:42 |

<sup>5/17/2009 3:46:52</sup> PM

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